

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Thomas JOVIN et al.

Appln. No.: 10/568,038

Filed: February 13, 2006

For: PHOTOCHROMIC RELAXATION KINETIC METHOD

Attorney Docket No.: 4064.006

Customer No.: 30448

CERTIFICATE UNDER 37 CFR 1.8(a)
I hereby certify that this correspondence is being deposited either by facsimile to 571-273-8300 or with the U.S. Postal Service as First Class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 4, 2006.

Vanchang Cher, Reg. No. 56,15

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97 and §1.98

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the following documents for the above-identified application. Copies of the non-US documents set forth below and listed on the attached Forms PTO/SB/08A & PTO/SB/08B, copy of the International Search Report (ISR) issued in the corresponding PCT application are provided herewith.

- 1. GIORDANO ET AL: "Diheteroarylethenes as thermally stable photoswitchable acceptors in photochromic fluorescence resonance energy transfer (pcFRET),"

 J.AM.CHEM. SOC., 2002, pages 7481-7489, Vol. 124, No. 25, USA (in English)
- 2. EP 0 668 498 A2 (in English)
- 3. KIRSCH ET AL: "Fluorescence resonance energy transfer detected by scanning near-field optical microscopy," Journal of Microscopy, 1999, pages 448-454, Vol. 194, UK (in English)
- 4. GREEMERS ET AL: "Red-shifted mutants of green fluorescent protein: reversible photoconversions studied by hole-burning and high-resolution spectroscopy," Chemical Physics, 2002, pages 109-121, Vol. 275, No. 1-3, Elsevier, Netherlands (in English)

Documents 1-4 were cited in the ISR. Documents 1-2 were also mentioned in the background of the instant application.

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, therefore no Certification Under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicants respectfully request that the listed documents be considered by the Examiner

Application No: 10/568,038 Information Disclosure Statement

Attorney Docket No: 4064.006

and be made of record in the present application and that an initialed copy of Forms PTO/SB/08A & PTO/SB/08B be returned in accordance with MPEP §609.

Date: August 4, 2006

Respectfully submitted,

Yonghong Chen

Registration No. 56,150

Customer No. 30448

Akerman Senterfitt

222 Lakeview Avenue, Suite 400

West Palm Beach, FL 33401

Phone: 561-653-5000

AUG U 8 2006

Sheet 1

PTO/SB/08A (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number .	10/568,038		
Filing Date	February 13, 2006		
First Named Inventor	Thomas JOVIN		
Art Unit			
Examiner Name			
Attorney Docket Number	4064.006		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-		· · · · · · · · · · · · · · · · · · ·	
		US-			
		US-			
	,	US-			
		US-			
		US-			
		US-		,	
		US-	-		
-		US-			
		US-			
-		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ,
		EP 0 668 498 A2	08-23-1995	HAMAMATSU PHOTONICS K.K.		

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (07-05)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

4064.006

o.s. Patent and Trademark Onice, o.s. DEPARTMENT OF Committee of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Attorney Docket Number

Substitute for form 1449/PTO

Application Number 10/568,038

INFORMATION DISCLOSURE Filing Date February 13, 2006

STATEMENT BY APPLICANT First Named Inventor Thomas JOVIN

Art Unit Examiner Name

Sheet

of 1

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
		GIORDANO ET AL: "Diheteroarylethenes as thermally stable photoswitchable acceptors in photochromic fluorescence resonance energy transfer (pcFRET)," J.AM.CHEM. SOC., 2002, pages 7481-7489, Vol. 124, No. 25, USA	
		KIRSCH ET AL: "Fluorescence resonance energy transfer detected by scanning near-field optical microscopy," Journal of Microscopy, 1999, pages 448-454, Vol. 194, UK	
		GREEMERS ET AL: "Red-shifted mutants of green fluorescent protein: reversible photoconversions studied by hole-burning and high-resolution spectroscopy," Chemical Physics, 2002, pages 109-121, Vol. 275, No. 1-3, Elsevier, Netherlands	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.